



PTO/SB/08A (07-05)  
Approved for use through 07/31/2006

Substitute for form 1449/PTO

# **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

(use as many sheets as necessary)

## **Complete if Known**

Application Number	10/585,790
Filing Date	July 12, 2006
First Named Inventor	Francis Chi
Art Unit	Not yet assigned
Examiner Name	Not yet assigned
Attorney Docket Number	OBI-103CXC1

Sheet 1 of 4

## **U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. 1	Document Number Number - Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	U1	US-5,284,874	02-08-1994	Clark <i>et al.</i>	All
	U2	US-5,401,880	03-28-1995	Clark <i>et al.</i>	All
	U3	US-5,605,885	02-25-1997	Bernton <i>et al.</i>	All
	U4	US-5,668,117	09-16-1997	Shapiro	All
	U5	US-5,698,246	12-16-1997	Villamar <i>et al.</i>	All
	U6	US-5,714,519	02-03-1998	Cincotta <i>et al.</i>	All
	U7	US-6,306,453	10-23-2001	Kurzinger	All
	U8	US-6,521,266	02-18-2003	Mann	All
	U9	US-6,630,176	10-07-2003	Li <i>et al.</i>	All
	U10	US-6,746,678	06-08-2004	Shapiro	All
	U11	US-11/118,737 (Patent Application)	04-29-2005	Chan <i>et al.</i>	All
	U12	US-2004/033985	02-19-2004	Chi <i>et al.</i>	All
	U13	US-2004/0106591	06-03-2004	Pacioretti <i>et al.</i>	All
	U14	US-2005/0137125	06-23-2005	Chan <i>et al.</i>	All
	U15	US-2005/0143473	06-30-2005	Wong <i>et al.</i>	All
	U16	US-2005/0148674	07-07-2005	Tang <i>et al.</i>	All

## **FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. 1	Foreign Patent Document Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	†
	F1	FR 2 852 959	10-01-2004	Centre National de la Recherche Scientifique Cnrs	Abstract	
	F2	GB 2 245 491	01-08-1992	Medvet Science Pty Ltd.	All	
	F3	GB 2 398 497	08-25-2004	Omega Bio-Pharma	All	
	F4	JP 2002/187,839	07-05-2002	GiFu Internat. Inst of Biotechn	Abstract only	
	F5	WO 85/02340	06-06-1985	Ammon	Abstract	
	F6	WO 95/01096	01-12-1995	Shapiro	All	

Examiner Signature	Date Considered
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Sheet

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of

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	U17				
	U18				
	U19				
	U20				
	U21				
	U22				
	U23				
	U24				
	U25				

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		Country Code <sup>3</sup>	- Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)				
	F7	WO	98/40099	12-19-1996	Ergo Science Incorporated	All	
	F8	WO	00/66110	11-09-2000	Merck Patent GmbH	All	
	F9	WO	00/73266	12-07-2000	Centre National de la Recherche Scientifique	Abstract	
	F10	WO	01/95944	12-20-2001	Mills	All	
	F11	WO	02/076391	10-03-2002	Advanced BioNutrition	All	
	F12	WO	2005/060342	07-07-2005	Omega Bio-Pharma	All	
	F13	WO	2005/063226	07-14-2005	Omega Bio-Pharma	All	
	F14						
	F15						
	F16						
	F17						

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Substitute for form 1449/PTO <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (use as many sheets as necessary)			<b>Complete if Known</b>		
			Application Number	10/585,790	
Sheet	3	of	4	Filing Date	July 12, 2006
				First Named Inventor	Francis Chi
				Art Unit	Not yet assigned
				Examiner Name	Not yet assigned
				Attorney Docket Number	OBI-103CXC1

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article, (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	R1	BEERS et al., "Crystal-Induced Conditions," in Merck Manual, Merck Research Laboratories, 1999, pp. 460-464.	
	R2	BERGAMINI, A. et al., "In vitro Inhibition of the Replication of Human Immunodeficiency Virus Type 1 by Beta-Mercaptoethylamine (Cysteamine)," <i>Journal of Infectious Diseases</i> , 1996, pp. 214-218, Vol. 174, No. 1.	
	R3	BRYANT, H. et al., "Cysteamine Produces Dose-Related Bidirectional Immunomodulatory Effects in Mice." <i>Journal of Pharmacology and Experimental Therapeutics, American Society for Pharmacology</i> , 1989, pp. 424-429, Vol. 249, No. 2.	
	R4	FISHER, E. et al., "Cysteamine in treatment of type III hyperlipidemia?" <i>Lancet</i> , November 20, 1982, pp. 1131-1132, Vol. 2, No. 8308.	
	R5	FLEMMING, K. et al., "Hemmwirkung Von Cysteamin Auf Den Corticosterongehalt Der Nebennieren Von Ratten Nach Stress-Einwirkung Inhibitory Effect of Cysteamine on the Corticosterone Content of Rat Adrenal Glands After Stress," <i>Experientia</i> , August 15, 1972, pp. 965-966, Vol. 28, No. 8.	
	R6	GYENES, L. et al., "The Properties of Fragments of Skin-Sensitizing and Blocking Antibodies as Revealed by the Prausnitz-Kuestner, Passive Cutaneous Anaphylaxis and Hemagglutination Reactions," <i>International Archives of Allergy and Applied Immunology</i> , 1964, pp. 106-118, Vol. 24.	
	R7	JEITNER, T. et al., "Cysteamine and its Phenolic Analogues Inhibit the Proliferation of Normal, Leukemic and Drug Resistant Leukemic T Cells," <i>Free Radical Biology and Medicine</i> , 1990, pp. 172, Vol. 9, Suppl. 1.	
	R8	JEITNER, T. et al., "Inhibition of the Proliferation of Human Neural Neoplastic Cell Lines by Cysteamine," <i>Cancer Letters</i> , 1996, pp. 85-90, Vol. 103, No. 1.	
	R9	KANO, M. et al., "Soymilk Products Affect Ethanol Absorption and Metabolism in Rats During Acute and Chronic Ethanol Intake," <i>American Society for Nutritional Sciences</i> , 2002, pp. 238-244.	
	R10	LANDERS, M. et al., "Permanent-Wave Dermatitis: Contact Allergy to Cysteamine Hydrochloride," <i>American Journal of Contact Dermatitis</i> , 2003, pp. 157-160, Vol. 14, No. 3.	

Examiner Signature	Date Considered
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<sup>1</sup> Applicant's unique citation designation number (optional). \* Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1449/PTO			<b>Complete if Known</b>		
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)			Application Number	10/585,790	
			Filing Date	July 12, 2006	
			First Named Inventor	Francis Chi	
			Art Unit	Not yet assigned	
			Examiner Name	Not yet assigned	
Sheet	4	of	4	Attorney Docket Number	OBI-103CXC1

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article, (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	R11	REDDY, H. et al., "Evaluation of the dietary essentiality of vitamins for <i>Penaeus monodon</i> ," <i>Aquaculture Nutrition</i> , December 1999, pp. 267-275, Vol. 5, No. 4.	
	R12	SHIAU, SHI-YEN, et al., "Dietary pantothenic acid requirement of juvenile grass shrimp, <i>Penaeus monodon</i> ," <i>Journal of Nutrition</i> , March 1999, pp. 718-721, Vol. 129, No. 3.	
	R13	TANAKA et al., "Protection of Lymphocytes in the Thymus of X-irradiated Rats by Cysteamine," <i>Nature</i> , April 24, 1965, pp. 418-419, Vol. 206, No. 982.	
	R14	VESCEI et al., "Preclinical and Clinical Studies with Cysteamine and Pantethine Related to the Central Nervous System," <i>Prog. Neuro-psychopharmacol.</i> , 1990, pp. 835-862, Vol. 14.	
	R15	WALL, T. et al., "Alcohol Metabolism in Asian American Men with Genetic Polymorphisms of Aldehyde Dehydrogenase," <i>Annals of Int. Med.</i> , 1997, pp. 376-379, Vol. 127, No. 5.	
	R16	WINDHOLZ et al., "The Merck Index," Tenth Edition, 1983, pp. 849-850.	
	R17	WITTWER, C.T. et al., "Pantethine Lipomodulation Evidence for Cysteamine Mediation <i>In vitro</i> and <i>In vivo</i> ," <i>Atherosclerosis</i> , 1987, pp. 41-50, Vol. 68, No. 1-2.	
	R18	ZHU et al., "Dietary pantothenic acid requirement of juvenile abalone, <i>Haliotis discus hannai</i> Ino," <i>Journal of Shellfish Research</i> , December 2004, pp. 1045-1049, Vol. 23, No. 4.	
	R19		
	R20		

Examiner Signature	/Brian Yong Kwon/	Date Considered	12/06/2008
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